

AMENDMENT AND RESPONSE TO OFFICE ACTION

Amendment

In the Claims

Claim 1-31 (Canceled).

32. (Currently amended) A substrate comprising a surface having a polymeric coating thereon formed by free radical polymerization of a biocompatible, substantially water soluble macromer comprising at least two free radical polymerizable substituents,

wherein the coating further comprises one or more polysaccharides, ~~and~~

wherein the substrate is ~~a textured~~ an implantable material.

Claims 33-35 (Canceled).

36. (Currently amended) The substrate of claim 32, wherein the implantable ~~textured~~ material is selected from the group consisting of woven material, a velour and an expanded membrane.

37. (Previously presented) The substrate of claim 32, wherein the macromer is poly(ethylene glycol) and the free radical polymerizable substituents comprise carbon-carbon double bonds.

38. (Currently amended) The substrate of claim 32, wherein the polymeric coating is formed on the substrate surface by:

a) applying to the surface the macromer and a free radical polymerization initiator; and

b) exposing the initiator to an agent to activate the initiator to cause the polymerization of the ~~macromers~~ macromer to form the polymeric coating on the surface.

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39. (Previously presented) The substrate of claim 38, wherein the initiator is selected from the group consisting of visible light or long wavelength ultraviolet light-activatable free radical initiators, thermal activatable free radical initiators, benzoyl peroxide, potassium persulfate and ammonium persulfate.

40. (Currently amended) The substrate of claim 32, wherein the polymeric coating is formed on the substrate surface by:

a) applying to the surface ~~a mixture comprising~~ a free radical polymerization initiator with the macromer to form a mixture; and

b) exposing the mixture to an agent to activate the initiator to cause the polymerization of the ~~macromers~~ macromer to form the polymeric coating on the surface.

41. (Previously presented) The substrate of claim 40, wherein the initiator is selected from the group consisting of visible light or long wavelength ultraviolet light-activatable free radical initiators, thermal activatable free radical initiators, benzoyl peroxide, potassium persulfate and ammonium persulfate.

42. (Previously presented) The substrate of claim 32, wherein the polysaccharide is selected from the group consisting of alginate, hyaluronic acid, chondroitin sulfate, dextran, dextran sulfate, heparin, heparin sulfate, heparan sulfate, chitosan, gellan gum, xanthan gum, guar gum, water soluble cellulose derivatives, and K-carrageenan.